

JOHN SOFTWARE ENGINEER

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EDUCATION

Bachelor of Computer Science, University of Technology -

Master of Software Engineering, Institute of Advanced Computing -

SKILLS

Python, Django, JavaScript, React, PostgreSQL, Docker, AWS, Git, REST APIs, Test-Driven Development

EXPERIENCE

Senior Software Engineer

- Present

Tech Innovations Inc.

- Led development of microservices architecture serving 1M+ daily active users using Python/Django and Docker
- Improved application performance by 40% through database optimization and caching strategies
- Mentored 3 junior developers and established code review processes that reduced bugs by 25%
- Implemented CI/CD pipelines using GitHub Actions, reducing deployment time from 2 hours to 15 minutes

Software Engineer

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StartupXYZ

- Developed RESTful APIs using Django REST Framework for mobile and web applications
- Built responsive front-end interfaces with React and modern JavaScript (ES6+)
- Collaborated with cross-functional teams in Agile environment using Scrum methodology
- Maintained 95%+ test coverage through unit and integration testing with pytest

PROJECTS & PUBLICATIONS

AI-Powered Resume Builder. Full-stack web application using Django, React, and OpenAI API that helps users create professional resumes with AI-powered content enhancement. Deployed on AWS with PostgreSQL database. <https://github.com/john-engineer/resume-builder> (<https://github.com/john-engineer/resume-builder>)

E-commerce Analytics Dashboard. Real-time analytics dashboard built with Python, Django, and D3.js for tracking e-commerce metrics. Processes 100K+ transactions daily and provides actionable business insights. <https://github.com/john-engineer/ecommerce-analytics> (<https://github.com/john-engineer/ecommerce-analytics>)

Open Source Contribution: Django Performance Monitor. Contributed performance monitoring middleware to popular Django package with 10K+ downloads. Implemented request timing, memory usage tracking, and database query optimization. <https://github.com/django-community/performance-monitor> (<https://github.com/django-community/performance-monitor>)